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PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* Welcome to STN International \* \* \* \* \*

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	4	Apr 09	ZDB will be removed from STN
NEWS	5	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	6	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	7	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	8	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS	9	Jun 03	New e-mail delivery for search results now available
NEWS	10	Jun 10	MEDLINE Reload
NEWS	11	Jun 10	PCTFULL has been reloaded
NEWS	12	Jul 02	FOREGE no longer contains STANDARDS file segment
NEWS	13	Jul 22	USAN to be reloaded July 28, 2002; saved answer sets no longer valid
NEWS	14	Jul 29	Enhanced polymer searching in REGISTRY
NEWS	15	Jul 30	NETFIRST to be removed from STN
NEWS	16	Aug 08	CANCERLIT reload
NEWS	17	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	18	Aug 08	NTIS has been reloaded and enhanced
NEWS	19	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	20	Aug 19	IFIPAT, IFICDB, and IFIUDB have been reloaded
NEWS	21	Aug 19	The MEDLINE file segment of TOXCENTER has been reloaded
NEWS	22	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	23	Sep 03	JAPIO has been reloaded and enhanced
NEWS	24	Sep 16	Experimental properties added to the REGISTRY file
NEWS	25	Sep 16	Indexing added to some pre-1967 records in CA/CAPLUS
NEWS	26	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 21:52:19 ON 23 SEP 2002

=> file registry  
COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 21:52:25 ON 23 SEP 2002  
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.  
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Property values tagged with IC are from the ZIC/VINITI data file  
provided by InfoChem.

STRUCTURE FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2  
DICTIONARY FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

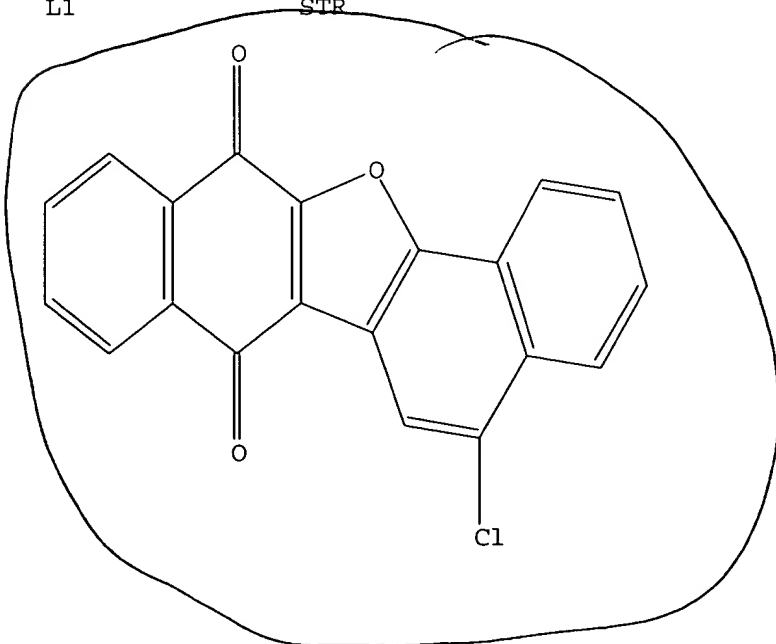
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>  
Uploading 09810628a.str

L1 STRUCTURE UPLOADED

=> d L1  
L1 HAS NO ANSWERS  
L1 STR



*exact structure*

Structure attributes must be viewed using STN Express query preparation.

=> s L1 sss sam

SAMPLE SEARCH INITIATED 21:52:48 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 9 TO ITERATE

100.0% PROCESSED 9 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 9 TO 360  
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s L1 sss full

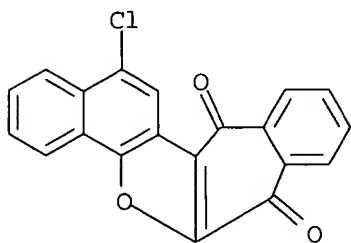
FULL SEARCH INITIATED 21:52:55 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 154 TO ITERATE

100.0% PROCESSED 154 ITERATIONS 1 ANSWERS  
SEARCH TIME: 00.00.01

L3 1 SEA SSS FUL L1

=> d L3

L3 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
RN 361145-47-3 REGISTRY  
CN Dinaphtho[1,2-b:2',3'-d]furan-7,12-dione, 5-chloro- (9CI) (CA INDEX NAME)  
FS 3D CONCORD  
MF C20 H9 Cl O3  
SR CA  
LC STN Files: CA, CAPLUS, USPATFULL



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1962 TO DATE)  
1 REFERENCES IN FILE CAPLUS (1962 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	141.86	142.07

FILE 'CAPLUS' ENTERED AT 21:53:17 ON 23 SEP 2002  
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FILE COVERS 1907 - 23 Sep 2002 VOL 137 ISS 13  
FILE LAST UPDATED: 22 Sep 2002 (20020922/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l3  
L4 1 L3

=> d l4 ibib,kwic

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2001:691766 CAPLUS  
DOCUMENT NUMBER: 135:247021  
TITLE: Cosmetic compositions containing furan-naphthoquinone derivatives as dyeing agents  
INVENTOR(S): Henrion, Jean-christophe; Philippe, Michel  
PATENT ASSIGNEE(S): L'Oreal, Fr.  
SOURCE: Eur. Pat. Appl., 36 pp.  
CODEN: EPXXDW  
DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1134217	A2	20010919	EP 2001-400498	20010227
EP 1134217	A3	20011128		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2806408	A1	20010921	FR 2000-3471	20000317
JP 2001316382	A2	20011113	JP 2001-79528	20010319
US 2002012683	A1	20020131	US 2001-810628	20010319
PRIORITY APPLN. INFO.:			FR 2000-3471	A 20000317
OTHER SOURCE(S):		MARPAT 135:247021		
IT 100355-52-0P	100355-57-5P	361145-47-3P	361145-48-4P	
361145-49-5P	361145-50-8P	361145-51-9P	361145-52-0P	361145-53-1P
361145-56-4P				
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (cosmetic compns. contg. furan-naphthoquinone derivs. as dyeing agents)				

=> file registry  
COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST

ENTRY	SESSION
2.43	144.50

FILE 'REGISTRY' ENTERED AT 21:54:58 ON 23 SEP 2002  
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STRUCTURE FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2  
DICTIONARY FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
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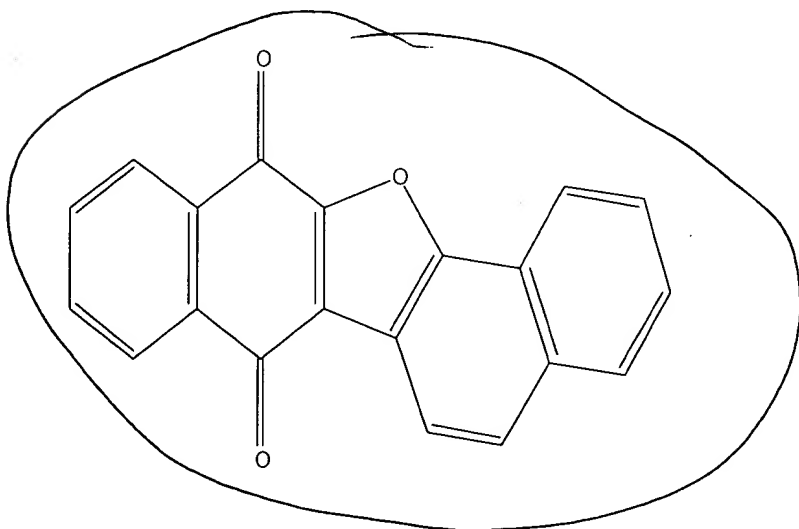
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>  
Uploading 09810628b.str

L5 STRUCTURE UPLOADED

=> d L5  
L5 HAS NO ANSWERS  
L5 STR



135 matching  
structures

Structure attributes must be viewed using STN Express query preparation.

=> s L5 sss sam  
SAMPLE SEARCH INITIATED 21:56:05 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 86 TO ITERATE

100.0% PROCESSED 86 ITERATIONS  
SEARCH TIME: 00.00.01

5 ANSWERS

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
PROJECTED ITERATIONS: 1164 TO 2276  
PROJECTED ANSWERS: 5 TO 234

L6 5 SEA SSS SAM L5

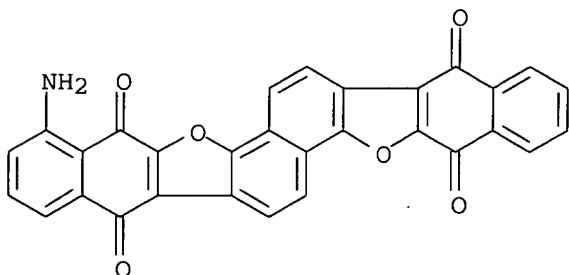
=> s L5 sss full  
FULL SEARCH INITIATED 21:56:12 FILE 'REGISTRY'  
FULL SCREEN SEARCH COMPLETED - 1936 TO ITERATE

100.0% PROCESSED 1936 ITERATIONS 135 ANSWERS  
SEARCH TIME: 00.00.01

L7 135 SEA SSS FUL L5

=> d L6 1 sam

L6 ANSWER 1 OF 5 REGISTRY COPYRIGHT 2002 ACS  
IN Dinaphtho[2,3-d:2',3'-d']naphtho[1,2-b:5,6-b']difuran-5,9,14,18-tetrone,  
1,13(or 4,13)-diamino- (6CI)  
MF C30 H14 N2 O6  
CI IDS



D1-NH<sub>2</sub>

=> file caplus  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
141.82	286.32

FILE 'CAPLUS' ENTERED AT 21:56:41 ON 23 SEP 2002  
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FILE COVERS 1907 - 23 Sep 2002 VOL 137 ISS 13  
FILE LAST UPDATED: 22 Sep 2002 (20020922/ED)

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substance identification.

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check your SDI profiles to see if they need to be revised. For  
information on CAS roles, enter HELP ROLES at an arrow prompt or use  
the CAS Roles thesaurus (/RL field) in this file.

=> s L7

L8 51 L7

=> s L8 and cosmetic

40594 COSMETIC

41438 COSMETICS

55054 COSMETIC

(COSMETIC OR COSMETICS)

L9 1 L8 AND COSMETIC

=> d L9 ti

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

TI **Cosmetic** compositions containing furan-naphthoquinone  
derivatives as dyeing agents

=> s L8 not L9

L10 50 L8 NOT L9

=> s L10 and hair

44737 HAIR

4006 HAIRS

46741 HAIR

(HAIR OR HAIRS)

L11 0 L10 AND HAIR

=> s L10/tu

'TU' IS NOT A VALID FIELD CODE

51 L7

51 L7

0 COSMETIC/TU

L12 51 ((L7) NOT ((L7) AND COSMETIC/TU))

=> s L10/thu, buu

51 L7

51 L7

0 COSMETIC/CT

464426 THU/RL

0 COSMETIC/THU

(COSMETIC/CT (L) THU/RL)

0 COSMETIC/CT

133046 BUU/RL

0 COSMETIC/BUU

(COSMETIC/CT (L) BUU/RL)

L13 51 ((L7) NOT ((L7) AND COSMETIC/THU, BUU))

=> d L13 1-51 ti

L13 ANSWER 1 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Effects of hibarimicins and hibarimicin-related compounds produced by Microbispora on v-Src kinase activity and growth and differentiation of human myeloid leukemia HL-60 cells

L13 ANSWER 2 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Biosynthesis of hibarimicins: III. Structures of new hibarimicin-related metabolites produced by blocked mutants

L13 ANSWER 3 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Biosynthesis of hibarimicins: II. Elucidation of biosynthetic pathway by cosynthesis using blocked mutants

L13 ANSWER 4 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Cosmetic compositions containing furan-naphthoquinone derivatives as dyeing agents

L13 ANSWER 5 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Mechanism of color change of methyl 5-hydroxy-dinaphtho[1,2-2',3']furan-7,12-dione-6-carboxylate by 1H-NMR

L13 ANSWER 6 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI In vitro leishmanicidal activity of monomeric and dimeric naphthoquinones

L13 ANSWER 7 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI In vitro leishmanicidal activity of monomeric and dimeric naphthoquinones

L13 ANSWER 8 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Dinaphthofuranquinones, their isolation from balsam, and their use as antipruritic agents

L13 ANSWER 9 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI An antiviral furanoquinone from Paulownia tomentosa Steud

L13 ANSWER 10 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Antipruritic Dinaphthofuran-7,12-dione Derivatives from the Pericarp of Impatiens balsamina

L13 ANSWER 11 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Compositions and methods for treating bone deficit conditions

L13 ANSWER 12 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Preparation of (hetero)aromatic compounds for treating bone deficit conditions.

L13 ANSWER 13 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Analysis of methyl 5-hydroxydinaphtho[1,2-2',3']furan-7,12-dione-6-carboxylate derivatives

L13 ANSWER 14 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Microanalysis of methyl 5-hydroxydinaphtho[1,2-b:2',3'-d]furan-7,12-dione-6-carboxylate

L13 ANSWER 15 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Physicochemical properties and mechanism of color change of methyl 5-hydroxydinaphtho[1,2-2',3']furan-7,12-dione-6-carboxylate

L13 ANSWER 16 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Constituents of Paulownia tomentosa stem(III): the crystal structure of methyl 5-hydroxy-dinaphtho [1,2-2',3'] furan-7,12-dione-6-carboxylate

L13 ANSWER 17 OF 51 CAPLUS COPYRIGHT 2002 ACS

TI Synthesis of hydroxylated binaphthoquinones via amine/hydroxyl exchange. The reaction of 2,2'-binaphthyl-1,4;1',4'-diquinones with piperidine



- L13 ANSWER 18 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Syntheses of benzoquinone-annulated furans and nitration of fused furans
- L13 ANSWER 19 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Syntheses of dibenzofuran-type and dinaphthofuranquinone-type fused furans
- L13 ANSWER 20 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI cyclo-Trimerisation of 1,4-naphthoquinone; cooperation of phenol/quinone additions and redox reactions
- L13 ANSWER 21 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Syntheses of some binaphthalenes
- L13 ANSWER 22 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Simultaneous isolation of xanthomegnin, viomellein, rubrosulphin, viopurpurin, and brevianamide A by preparative HPLC
- L13 ANSWER 23 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Determination of xanthomegnin in grains and animal feeds by liquid chromatography with electrochemical detection
- L13 ANSWER 24 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Dimeric naphthoquinones, XI. Oxidation products of substituted binaphthyls
- L13 ANSWER 25 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Dimeric naphthoquinones. VIII. Synthesis of 3,3'-dihydroxylated 2,2'-bi-1,4-naphthoquinones
- L13 ANSWER 26 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Dimeric naphthoquinones. VII. Synthesis of rotundiquinone and 2,3'-bijuglone via halogenated binaphthyldiquinones
- L13 ANSWER 27 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI A pentacyclic quinone and diosindigo B from the heartwood of Diospyros melanoxylon
- L13 ANSWER 28 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Dimeric naphthoquinones. IV. Synthesis of biramentaceone, mamegakinone and rotundiquinone
- L13 ANSWER 29 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Structures of xanthoviridicatin D and xanthoviridicatin G, metabolites of *Penicillium viridicatum*. Application of proton and carbon-13 NMR spectroscopy
- L13 ANSWER 30 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Further conversions of naphthoquinones into dinaphthofuranquinones
- L13 ANSWER 31 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Photoproducts from 4,4'-dimethoxy-2,2'-binaphthyl-1,1'-quinone
- L13 ANSWER 32 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI A new bisjuglone from *Juglans regia* root bark
- L13 ANSWER 33 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Structure of xanthomegnin and related pigments: reinvestigation by carbon-13 nuclear magnetic resonance spectroscopy
- L13 ANSWER 34 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI Carbon-13 nuclear magnetic resonance spectra and biosynthetic studies of xanthomegnin and related pigments from *Aspergillus sulphureus* and *melleus*

L13 ANSWER 35 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Photoelectrophoretic imaging suspension

L13 ANSWER 36 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Isolation and identification of xanthomegnin, viomellein, rubrosulphin, and viopurpurin as metabolites of *Penicillium viridicatum*

L13 ANSWER 37 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Image-forming process using photoelectrophoresis

L13 ANSWER 38 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI The electronic structure of the furan-quinones. Polymorphism in dinaphtho[1,2:2',3']furan-7,12-dione

L13 ANSWER 39 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Fungal products. XIII. Xanthomegnin, viomellin, rubrosulphin, and viopurpurin, pigments from *Aspergillus sulphureus* and *Aspergillus melleus*

L13 ANSWER 40 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI ESR studies of some polycyclic semiquinones and derived radicals

L13 ANSWER 41 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Electrochemical studies and molecular energy levels in furanquinones

L13 ANSWER 42 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Photoreduction of dinaphtho[2,1:2',3']furan-8,13-dione and dinaphtho[1,2:2',3']furan-7,12-dione

L13 ANSWER 43 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Carcinogenic nitrogen compounds. LXXXI. Steric control in heterocyclic cyclizations with 6-substituted chrysenes

L13 ANSWER 44 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Electronic structure of furanquinones. II. Emission spectra of dinaphtho[2,1:2',3']furan-8,13-dione and dinaphtho[1,2:2',3']furan-7,12-dione

L13 ANSWER 45 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Metabolites of pathogenic fungi. VII. Structure and stereochemistry of xanthomegnin, vioxanthin, and viopurpurin, pigments from *Trichophyton violaceum*

L13 ANSWER 46 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Convenient access to some phenanthrene derivatives mono- and disubstituted in the meso position

L13 ANSWER 47 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Corrective color photoelectrophoresis

L13 ANSWER 48 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Metabolites of pathogenic fungi. V. Isolation and tentative structures of vioxanthin and viopurpurin, two colored metabolites of *Trichophyton violaceum*

L13 ANSWER 49 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Coloring matters of Australian plants. XII. Quinones from *Dianella revoluta* and *Stypandra grandis*

L13 ANSWER 50 OF 51 CAPLUS COPYRIGHT 2002 ACS  
 TI Diquinones. II. Formation of dibenzofuran derivatives by rearrangement of diquinones

L13 ANSWER 51 OF 51 CAPLUS COPYRIGHT 2002 ACS  
TI 1-Amino-2-anthraquinonecarbonylaminodinaphthofurandiones

=> d L13 8,9,10,11,12,15,30 ibib,kwic

L13 ANSWER 8 OF 51 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2000:59132 CAPLUS  
DOCUMENT NUMBER: 132:83625  
TITLE: Dinaphthofuranquinones, their isolation from balsam,  
and their use as antipruritic agents  
INVENTOR(S): Ishiguro, Kyoko; Oku, Naoe; Kato, Toyoya  
PATENT ASSIGNEE(S): Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.  
CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000026447	A2	20000125	JP 1998-188905	19980703

IT **213271-54-6P**, Balsaminone A **213271-56-8P**, Balsaminone B  
RL: ADV (Adverse effect, including toxicity); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PUR (Purification or recovery); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)  
(antipruritic and antiallergy agents contg. balsaminone isolated from balsam)

L13 ANSWER 9 OF 51 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1999:797544 CAPLUS  
DOCUMENT NUMBER: 132:245884  
TITLE: An antiviral furanoquinone from Paulownia tomentosa Steud  
AUTHOR(S): Kang, Kyoung Hwan; Huh, Hoon; Kim, Bak-Kwang; Lee, Chong-Kyo  
CORPORATE SOURCE: College of Pharmacy, Seoul National University, Seoul, 151-742, S. Korea  
SOURCE: Phytotherapy Research (1999), 13(7), 624-626  
CODEN: PHYREH; ISSN: 0951-418X  
PUBLISHER: John Wiley & Sons Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT **144118-20-7**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)  
(an antiviral furanoquinone from Paulownia tomentosa)

L13 ANSWER 10 OF 51 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1998:499287 CAPLUS  
DOCUMENT NUMBER: 129:242490  
TITLE: Antipruritic Dinaphthofuran-7,12-dione Derivatives from the Pericarp of Impatiens balsamina  
AUTHOR(S): Ishiguro, Kyoko; Ohira, Yukiko; Oku, Hisae  
CORPORATE SOURCE: School of Pharmaceutical Sciences, Mukogawa Womens University, Kyuban-cho Nishinomiya, 663-8179, Japan  
SOURCE: Journal of Natural Products (1998), 61(9), 1126-1129  
CODEN: JNPRDF; ISSN: 0163-3864

PUBLISHER: American Chemical Society  
DOCUMENT TYPE: Journal  
LANGUAGE: English

IT 213271-56-8P, Balsaminone B  
RL: BAC (Biological activity or effector, except adverse); BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation)

(isolation of antipruritic dinaphthofuran-7,12-dione derivs. from the pericarp of Impatiens balsamina)

IT 213271-54-6P, Balsaminone A  
RL: BAC (Biological activity or effector, except adverse); BOC (Biological occurrence); BSU (Biological study, unclassified); PRP (Properties); PUR (Purification or recovery); RCT (Reactant); BIOL (Biological study); OCCU (Occurrence); PREP (Preparation); RACT (Reactant or reagent)

(isolation of antipruritic dinaphthofuran-7,12-dione derivs. from the pericarp of Impatiens balsamina)

IT 213206-94-1P  
RL: PRP (Properties); SPN (Synthetic preparation); PREP (Preparation)  
(isolation of antipruritic dinaphthofuran-7,12-dione derivs. from the pericarp of Impatiens balsamina)

L13 ANSWER 11 OF 51 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1998:268348 CAPLUS

DOCUMENT NUMBER: 128:321662

TITLE: Compositions and methods for treating bone deficit conditions

INVENTOR(S): Orme, Mark W.; Baidur, Nand; Robbins, Kirk G.; et al.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA; Osteoscreen, Inc.

SOURCE: PCT Int. Appl., 215 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 2

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9817267	A1	19980430	WO 1997-US18864	19971023
W:	AL, AM, AU, BB, BG, BR, CA, CN, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, US, US, US, US, US, US, US, US, US, US, US, US, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG			
US 5990169	A	19991123	US 1997-806771	19970226
US 6153631	A	20001128	US 1997-806768	19970226
US 6251901	B1	20010626	US 1997-806769	19970226
US 5919808	A	19990706	US 1997-808743	19970228
US 5922753	A	19990713	US 1997-808742	19970228
US 5948776	A	19990907	US 1997-808739	19970228
US 5994358	A	19991130	US 1997-808744	19970228
US 6342514	B1	20020129	US 1997-808741	19970228
US 5965573	A	19991012	US 1997-812141	19970306
AU 9749889	A1	19980515	AU 1997-49889	19971023
EP 973513	A1	20000126	EP 1997-912787	19971023
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI			
JP 2001510450	T2	20010731	JP 1998-519529	19971023
PRIORITY APPLN. INFO.:			US 1996-735870	A2 19961023
			US 1996-735873	A2 19961023
			US 1996-735874	A2 19961023

US 1996-735876 A2 19961023  
 US 1996-735881 A2 19961023  
 US 1996-736220 A2 19961023  
 US 1996-736221 A2 19961023  
 US 1996-736222 A2 19961023  
 US 1996-736228 A2 19961023  
 US 1996-736318 A2 19961023  
 US 1996-736319 A2 19961023  
 WO 1997-US18864 W 19971023

OTHER SOURCE(S): MARPAT 128:321662

IT 479-13-0 619-67-0 961-60-4 1138-15-4 1694-45-7 2390-54-7  
 4765-56-4 6019-43-8 7477-43-2 7477-46-5 10205-62-6 10360-31-3  
 15826-37-6 19736-41-5 22765-52-2 22765-57-7 28620-82-8  
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 38101-92-7 48189-64-6 49582-19-6 52869-16-6 53846-93-8  
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 190437-99-1 190438-00-7

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(prepn. of (hetero)arom. compds. for treating bone deficit conditions)

L13 ANSWER 12 OF 51 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:397336 CAPLUS

DOCUMENT NUMBER: 127:17703

TITLE: Preparation of (hetero)aromatic compounds for treating bone deficit conditions.

INVENTOR(S): Petrie, Charles; Orme, Mark W.; Baindur, Nand; Robbins, Kirk G.; Harris, Scott M.; Kontoyianni, Maria; Hurley, Laurence H.; Kerwin, Sean M.; Mundy, Gregory R.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA; Osteoscreen, Inc.; University of Texas At Austin

SOURCE: PCT Int. Appl., 99 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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WO 9715308 A1 19970501 WO 1996-US17019 19961023  
W: AL, AM, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG  
CA 2235481 AA 19970501 CA 1996-2235481 19961023  
AU 9674710 A1 19970515 AU 1996-74710 19961023  
AU 706262 B2 19990610  
EP 866710 A1 19980930 EP 1996-936906 19961023  
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI  
CN 1201393 A 19981209 CN 1996-197827 19961023  
BR 9611210 A 19991228 BR 1996-11210 19961023  
JP 2000513324 T2 20001010 JP 1997-516761 19961023  
US 6008208 A 19991228 US 1997-878868 19970619  
NO 9801810 A 19980622 NO 1998-1810 19980422  
US 6413998 B1 20020702 US 1999-453828 19991202  
PRIORITY APPLN. INFO.: US 1995-5830P P 19951023  
US 1996-735875 B1 19961023  
WO 1996-US17019 W 19961023  
US 1997-878868 A3 19970619

OTHER SOURCE(S): MARPAT 127:17703  
IT 100-10-7 479-13-0 619-67-0 961-60-4 1138-15-4 1694-45-7  
2390-54-7 4765-56-4 6019-43-8 7477-43-2 7477-46-5 10205-62-6  
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190437-98-0 190437-99-1 190438-00-7

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(prepn. of (hetero)arom. compds. for treating bone deficit conditions)

L13 ANSWER 15 OF 51 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1993:633802 CAPLUS

DOCUMENT NUMBER: 119:233802

TITLE: Physicochemical properties and mechanism of color

change of methyl 5-hydroxydinaphtho[1,2-2',3']furan-7,12-dione-6-carboxylate

AUTHOR(S): Jang, Hae Seon; Park, You Mie; Kang, Kyoung Hwan; Woo, Young Ah; Park, Jeong Hill; Kim, Bak Kwang

CORPORATE SOURCE: Coll. Pharm., Seoul Natl. Univ., Seoul, 152-742, S. Korea

SOURCE: Yakhak Hoechi (1993), 37(2), 198-203  
CODEN: YAHOA3; ISSN: 0513-4234

DOCUMENT TYPE: Journal

LANGUAGE: Korean

IT 144118-20-7  
RL: BIOL (Biological study)  
(properties and color change of)

L13 ANSWER 30 OF 51 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1980:471425 CAPLUS

DOCUMENT NUMBER: 93:71425

TITLE: Further conversions of naphthoquinones into dinaphthofuranquinones

AUTHOR(S): Buchan, Robert; Musgrave, Oliver C.

CORPORATE SOURCE: Chem. Dep., Robert Gordon's Inst. Technol., Aberdeen, AB1 1HG, Scot.

SOURCE: J. Chem. Soc., Perkin Trans. 1 (1980), (1), 90-2  
CODEN: JCPRB4; ISSN: 0300-922X

DOCUMENT TYPE: Journal

LANGUAGE: English

IT 74066-57-2P 74066-58-3P 74066-59-4P **74066-60-7P**  
**74066-61-8P 74066-62-9P 74066-63-0P**  
74129-42-3P

RL: SPN (Synthetic preparation); PREP (Preparation)  
(prepn. of)

=> file stng

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	38.72	325.04

FILE 'STNGUIDE' ENTERED AT 22:05:05 ON 23 SEP 2002  
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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Sep 20, 2002 (20020920/UP).

=> file registry

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.36	325.40

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STRUCTURE FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2  
DICTIONARY FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

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Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

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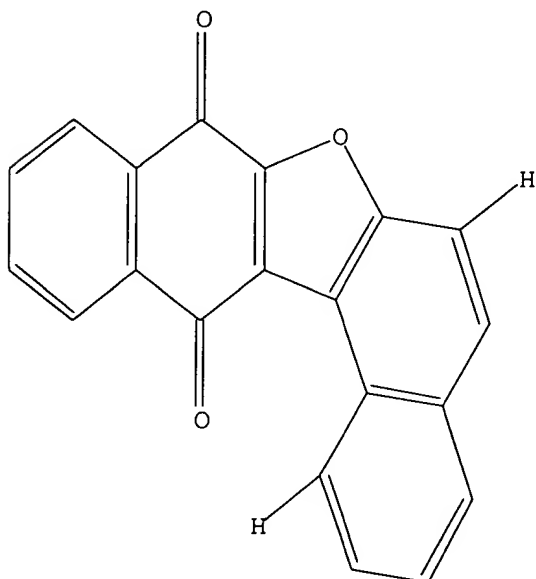
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L14 STRUCTURE UPLOADED

=> d L14

L14 HAS NO ANSWERS

L14 STR



54 matching structures

Structure attributes must be viewed using STN Express query preparation.

=> s L14 sss sam

SAMPLE SEARCH INITIATED 22:09:19 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 86 TO ITERATE

100.0% PROCESSED 86 ITERATIONS

3 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 1164 TO 2276

PROJECTED ANSWERS: 3 TO 163

L15 3 SEA SSS SAM L14

=> s l14 sss full

FULL SEARCH INITIATED 22:09:25 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 1936 TO ITERATE



100.0% PROCESSED 1936 ITERATIONS  
SEARCH TIME: 00.00.01

54 ANSWERS

L16 54 SEA SSS FUL L14

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

140.28

465.68

FILE 'CAPLUS' ENTERED AT 22:09:33 ON 23 SEP 2002

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FILE COVERS 1907 - 23 Sep 2002 VOL 137 ISS 13

FILE LAST UPDATED: 22 Sep 2002 (20020922/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s L16/thu

26 L16

464426 THU/RL

L17 1 L16/THU

(L16 (L) THU/RL)

=> s L16/buu

26 L16

133046 BUU/RL

L18 1 L16/BUU

(L16 (L) BUU/RL)

=> s L17 or L18

L19 2 L17 OR L18

=> d L19 1-2 ibib,kwic

L19 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2001:691766 CAPLUS

DOCUMENT NUMBER: 135:247021

TITLE: Cosmetic compositions containing furan-naphthoquinone derivatives as dyeing agents

INVENTOR(S): Henrion, Jean-christophe; Philippe, Michel

PATENT ASSIGNEE(S): L'Oreal, Fr.

SOURCE: Eur. Pat. Appl., 36 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent  
LANGUAGE: French  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 1134217	A2	20010919	EP 2001-400498	20010227
EP 1134217	A3	20011128		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
FR 2806408	A1	20010921	FR 2000-3471	20000317
JP 2001316382	A2	20011113	JP 2001-79528	20010319
US 2002012683	A1	20020131	US 2001-810628	20010319
PRIORITY APPLN. INFO.:			FR 2000-3471	A 20000317
OTHER SOURCE(S):		MARPAT 135:247021		
IT 100355-52-0P	100355-57-5P	361145-47-3P	361145-48-4P	
361145-49-5P 361145-50-8P 361145-51-9P				
361145-52-0P 361145-53-1P 361145-56-4P				
RL: BUU (Biological use, unclassified); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses) (cosmetic compns. contg. furan-naphthoquinone derivs. as dyeing agents)				

L19 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1994:30628 CAPLUS  
DOCUMENT NUMBER: 120:30628  
TITLE: Design of antineoplastic agents on the basis of the 2-phenylnaphthalene-type structural pattern. 2. Synthesis and biological activity studies of benzo[b]naphtho[2,3-d]furan-6,11-dione derivatives  
AUTHOR(S): Cheng, C. C.; Dong, Qing; Liu, Dun Fu; Luo, Yi Lin; Liu, Leroy F.; Chen, Allan Y.; Yu, Chiang; Savaraj, Niramol; Chou, Ting Chao  
CORPORATE SOURCE: Cancer Cent., Univ. Kansas, Kansas City, KS, 66160-7419, USA  
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4108-12  
CODEN: JMCMAR; ISSN: 0022-2623  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
OTHER SOURCE(S): CASREACT 120:30628  
IT 151775-47-2P 151775-48-3P 151775-49-4P 151775-50-7P 151775-51-8P  
151775-52-9P 151775-53-0P 151775-54-1P 151775-55-2P  
151775-56-3P 151775-57-4P 151775-58-5P 151775-59-6P 151775-60-9P  
151775-61-0P 151775-62-1P 151775-63-2P 151775-64-3P 151775-65-4P  
151775-66-5P  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (prepn. and antineoplastic activity of)

=> FIL STNGUIDE  
COST IN U.S. DOLLARS  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
6.53	472.21

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FILE CONTAINS CURRENT INFORMATION.  
LAST RELOADED: Sep 20, 2002 (20020920/UP).

=> file registry  
COST IN U.S. DOLLARS  
  
FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
0.66	472.87

FILE 'REGISTRY' ENTERED AT 22:17:06 ON 23 SEP 2002  
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STRUCTURE FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2  
DICTIONARY FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when  
conducting SmartSELECT searches.

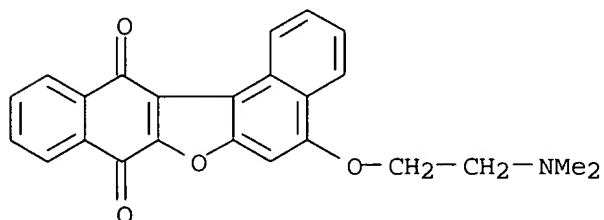
Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP  
PROPERTIES for more information. See STNote 27, Searching Properties  
in the CAS Registry File, for complete details:  
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> s 151775-53-0/rn  
L20 1 151775-53-0/RN

=> d L20 sam

L20 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
IN Dinaphtho[2,1-b:2',3'-d]furan-8,13-dione, 5-[2-(dimethylamino)ethoxy] -  
(9CI)  
MF C24 H19 N O4



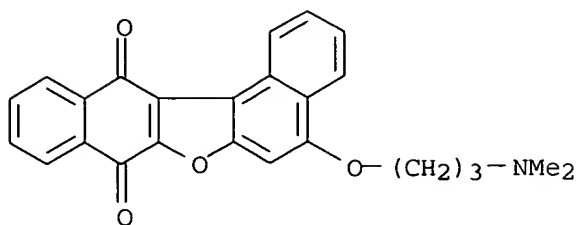
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=> s 151775-54-1/rn  
L21 1 151775-54-1/RN

=> d L21 sam

L21 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
IN Dinaphtho[2,1-b:2',3'-d]furan-8,13-dione, 5-[3-(dimethylamino)propoxy] -  
(9CI)

MF C25 H21 N O4



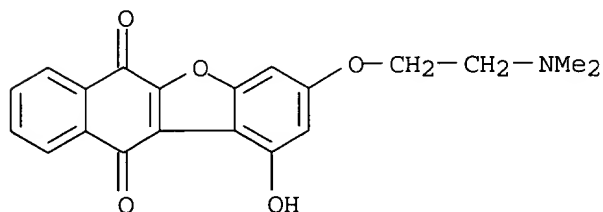
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L23 1 151775-55-2/RN

=> d L23 sam

L23 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS  
IN Benzo[b]naphtho[2,3-d]furan-6,11-dione, 3-[2-(dimethylamino)ethoxy]-1-  
hydroxy- (9CI)  
MF C20 H17 N O5  
CI COM



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

=> file stng  
COST IN U.S. DOLLARS

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ENTRY	SESSION
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FULL ESTIMATED COST

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=> FILE REGISTRY

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.12	477.61

FILE 'REGISTRY' ENTERED AT 22:22:17 ON 23 SEP 2002

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2

DICTIONARY FILE UPDATES: 22 SEP 2002 HIGHEST RN 453594-96-2

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STN Note 27, Searching Properties in the CAS Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

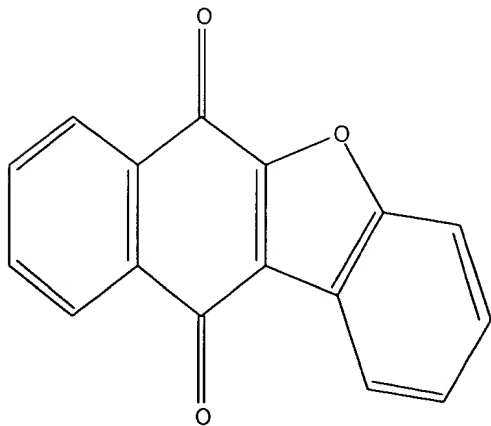
Uploading 09810628d.str

L24 STRUCTURE UPLOADED

=> d L24

L24 HAS NO ANSWERS

L24 STR



421 matching  
structures

Structure attributes must be viewed using STN Express query preparation.

=> s L24 sss sam

SAMPLE SEARCH INITIATED 22:22:36 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 1568 TO ITERATE

63.8% PROCESSED 1000 ITERATIONS

9 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 28985 TO 33735

PROJECTED ANSWERS: 57 TO 507

L25 9 SEA SSS SAM L24

=> s L24 sss full

FULL SEARCH INITIATED 22:22:41 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 32297 TO ITERATE

100.0% PROCESSED 32297 ITERATIONS

421 ANSWERS

SEARCH TIME: 00.00.01

L26 421 SEA SSS FUL L24

=> file caplus

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

140.28

617.89

FILE 'CAPLUS' ENTERED AT 22:22:46 ON 23 SEP 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

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FILE COVERS 1907 - 23 Sep 2002 VOL 137 ISS 13

FILE LAST UPDATED: 22 Sep 2002 (20020922/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s L26 and cosmetic

133 L26

40594 COSMETIC

41438 COSMETICS  
55054 COSMETIC  
(COSMETIC OR COSMETICS)

L27 1 L26 AND COSMETIC

=> d L27 ti

L27 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
TI **Cosmetic** compositions containing furan-naphthoquinone  
derivatives as dyeing agents

=> d L26 and therapeutic  
YOU HAVE REQUESTED DATA FROM FILE 'REGISTRY' - CONTINUE? (Y)/N:n

=> s L26 and therapeutic  
133 L26  
130837 THERAPEUTIC  
12966 THERAPEUTICS  
140627 THERAPEUTIC  
(THERAPEUTIC OR THERAPEUTICS)  
L28 1 L26 AND THERAPEUTIC

=> d L28 ti

L28 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS  
TI Compositions and methods for treating bone deficit conditions

=> s L26/thu  
133 L26  
464426 THU/RL  
L29 8 L26/THU  
(L26 (L) THU/RL)

=> d L29 1-8 ibib,kwic

L29 ANSWER 1 OF 8 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 2002:262133 CAPLUS  
DOCUMENT NUMBER: 137:163316  
TITLE: Effects of hibarimicins and hibarimicin-related  
compounds produced by Microbispora on v-Src kinase  
activity and growth and differentiation of human  
myeloid leukemia HL-60 cells  
AUTHOR(S): Cho, Sung Ig; Fukazawa, Hidesuke; Honma, Yoshio;  
Kajiura, Takayuki; Hori, Hiroshi; Igarashi, Yasuhiro;  
Furumai, Tamotsu; Oki, Toshikazu; Uehara, Yoshimasa  
CORPORATE SOURCE: Department of Bioactive Molecules, National Institute  
of Infectious Diseases, Tokyo, 162-8640, Japan  
SOURCE: Journal of Antibiotics (2002), 55(3), 270-278  
CODEN: JANTAJ; ISSN: 0021-8820  
PUBLISHER: Japan Antibiotics Research Association  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
IT 151687-86-4, Hibarimicin B 208588-76-5, Hibarimicin A 208588-83-4,  
Hibarimicin C 208588-87-8, Hibarimicin D 208588-90-3, Hibarimicin G  
408493-90-3, Hibarimicinone 408493-91-4, HMP-Y6 408493-92-5, HMP-Y1  
**408493-93-6**, HMP-P1 **408493-94-7**, HMP-P4 410071-66-8,  
HMP-M1 410071-67-9, HMP-M2 410071-68-0, HMP-M3 410071-69-1, HMP-M4  
446874-60-8, Hibarimicin E 446874-61-9, Hibarimicin H 446874-62-0,  
Hibarimicin I  
RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL

(Biological study); USES (Uses)  
(effects of hibarimicins and hibarimicin-related compds. produced by  
Microbispora on v-Src kinase activity and growth and differentiation of  
human myeloid leukemia HL-60 cells)

L29 ANSWER 2 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:195482 CAPLUS  
DOCUMENT NUMBER: 137:103508  
TITLE: Inhibition of apoptotic proteins causes multidrug  
resistance in renal carcinoma cells  
AUTHOR(S): Scheltema, Johan M. W.; Romijn, Johan C.; Van  
Steenbrugge, Gert J.; Schroder, Fritz H.; Mickisch,  
Gerald H.  
CORPORATE SOURCE: Department of Urology, Erasmus University and Academic  
Hospital, Rotterdam, Neth.  
SOURCE: Anticancer Research (2001), 21(5), 3161-3166  
CODEN: ANTRD4; ISSN: 0250-7005  
PUBLISHER: International Institute of Anticancer Research  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 19 THERE ARE 19 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 151775-55-2, CC 313

RL: **THU (Therapeutic use)**; BIOL (Biological study); USES (Uses)  
(CC 313; apoptotic proteins inhibition caused multidrug resistance in  
renal carcinoma cells featuring Pgp and/or at-MDR)

L29 ANSWER 3 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:875013 CAPLUS  
DOCUMENT NUMBER: 135:70683  
TITLE: In vitro leishmanicidal activity of monomeric and  
dimeric naphthoquinones  
AUTHOR(S): Kayser, O.; Kiderlen, A. F.; Laatsch, H.; Croft, S. L.  
CORPORATE SOURCE: Institute of Pharmacy, Pharmaceutical Technology,  
Biopharmacy and Biotechnology, Freie Universitat  
Berlin, Berlin, D-12169, Germany  
SOURCE: Acta Tropica (2000), 77(3), 307-314  
CODEN: ACTRAQ; ISSN: 0001-706X  
PUBLISHER: Elsevier Science Ireland Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS  
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT 481-42-5, Plumbagin 1685-91-2, Xanthomegnin 14039-65-7 17734-93-9,  
Mamegakinone 21418-08-6, 5,6,7,8-Tetrahydroquinizarin 21418-10-0,  
2,3-Dimethylnaphthazarin 34341-27-0, 3,3'-Biplumbagin 61836-43-9,  
3,3'-Bijuglone **74066-60-7**, Brasanquinone 75083-40-8  
90173-80-1 97308-78-6 99316-49-1, 6,6'-Dibenzyloxy-3,3'-biplumbagin  
99968-04-4  
RL: ADV (Adverse effect, including toxicity); BAC (Biological activity or  
effector, except adverse); BSU (Biological study, unclassified); **THU**  
(**Therapeutic use**); BIOL (Biological study); USES (Uses)  
(leishmanicidal activity of monomeric and dimeric naphthoquinones in  
vitro)

L29 ANSWER 4 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:59132 CAPLUS  
DOCUMENT NUMBER: 132:83625  
TITLE: Dinaphthofuranquinones, their isolation from balsam,  
and their use as antipruritic agents  
INVENTOR(S): Ishiguro, Kyoko; Oku, Naoe; Kato, Toyoya  
PATENT ASSIGNEE(S): Japan  
SOURCE: Jpn. Kokai Tokkyo Koho, 9 pp.



CODEN: JKXXAF  
DOCUMENT TYPE: Patent  
LANGUAGE: Japanese  
FAMILY ACC. NUM. COUNT: 1  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
JP 2000026447	A2	20000125	JP 1998-188905	19980703

IT **213271-54-6P**, Balsaminone A **213271-56-8P**, Balsaminone B  
RL: ADV (Adverse effect, including toxicity); BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); PUR (Purification or recovery); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)  
(antipruritic and antiallergy agents contg. balsaminone isolated from balsam)

L29 ANSWER 5 OF 8 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1999:797544 CAPLUS  
DOCUMENT NUMBER: 132:245884  
TITLE: An antiviral furanoquinone from Paulownia tomentosa Steud  
AUTHOR(S): Kang, Kyoung Hwan; Huh, Hoon; Kim, Bak-Kwang; Lee, Chong-Kyo  
CORPORATE SOURCE: College of Pharmacy, Seoul National University, Seoul, 151-742, S. Korea  
SOURCE: Phytotherapy Research (1999), 13(7), 624-626  
CODEN: PHYREH; ISSN: 0951-418X  
PUBLISHER: John Wiley & Sons Ltd.  
DOCUMENT TYPE: Journal  
LANGUAGE: English  
REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

IT **144118-20-7**  
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); **THU (Therapeutic use)**; BIOL (Biological study); USES (Uses)  
(an antiviral furanoquinone from Paulownia tomentosa)

L29 ANSWER 6 OF 8 CAPLUS COPYRIGHT 2002 ACS  
ACCESSION NUMBER: 1998:268348 CAPLUS  
DOCUMENT NUMBER: 128:321662  
TITLE: Compositions and methods for treating bone deficit conditions  
INVENTOR(S): Orme, Mark W.; Baindur, Nand; Robbins, Kirk G.; et al.  
PATENT ASSIGNEE(S): Zymogenetics, Inc., USA; Osteoscreen, Inc.  
SOURCE: PCT Int. Appl., 215 pp.  
CODEN: PIXXD2  
DOCUMENT TYPE: Patent  
LANGUAGE: English  
FAMILY ACC. NUM. COUNT: 2  
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9817267	A1	19980430	WO 1997-US18864	19971023

W: AL, AM, AU, BB, BG, BR, CA, CN, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, US, US, US, US, US, US, US, US, US, US, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM  
RW: GH, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

US 5990169	A	19991123	US 1997-806771	19970226
US 6153631	A	20001128	US 1997-806768	19970226
US 6251901	B1	20010626	US 1997-806769	19970226
US 5919808	A	19990706	US 1997-808743	19970228
US 5922753	A	19990713	US 1997-808742	19970228
US 5948776	A	19990907	US 1997-808739	19970228
US 5994358	A	19991130	US 1997-808744	19970228
US 6342514	B1	20020129	US 1997-808741	19970228
US 5965573	A	19991012	US 1997-812141	19970306
AU 9749889	A1	19980515	AU 1997-49889	19971023
EP 973513	A1	20000126	EP 1997-912787	19971023

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI

JP 2001510450 T2 20010731 JP 1998-519529 19971023  
 PRIORITY APPLN. INFO.:

US 1996-735870	A2	19961023
US 1996-735873	A2	19961023
US 1996-735874	A2	19961023
US 1996-735876	A2	19961023
US 1996-735881	A2	19961023
US 1996-736220	A2	19961023
US 1996-736221	A2	19961023
US 1996-736222	A2	19961023
US 1996-736228	A2	19961023
US 1996-736318	A2	19961023
US 1996-736319	A2	19961023
WO 1997-US18864	W	19971023

OTHER SOURCE(S): MARPAT 128:321662

IT 479-13-0	619-67-0	961-60-4	1138-15-4	1694-45-7	2390-54-7
4765-56-4	6019-43-8	7477-43-2	7477-46-5	10205-62-6	10360-31-3
15826-37-6	19736-41-5	22765-52-2	22765-57-7	28620-82-8	
33357-46-9	33757-75-4	34580-14-8	37052-98-5	38101-69-8	
38101-92-7	48189-64-6	49582-19-6	52869-16-6	53846-93-8	
57601-14-6	62225-55-2	73548-13-7	77038-70-1	77143-59-0	
77669-19-3	80998-91-0	84088-42-6	93873-08-6	108608-01-1	
110490-58-9	<b>112535-18-9</b>	116249-87-7	129855-33-0		
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145603-02-7	182572-98-1	190436-20-5	190436-27-2	190436-31-8	
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190437-26-4	190437-29-7	190437-36-6	190437-38-8	190437-39-9	
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190437-76-4	190437-77-5	190437-78-6	190437-79-7	190437-80-0	
190437-82-2	190437-83-3	190437-84-4	190437-85-5	190437-86-6	
190437-87-7	190437-88-8	190437-89-9	190437-91-3	190437-92-4	
190437-93-5	190437-94-6	190437-95-7	190437-96-8	190437-98-0	
190437-99-1	190438-00-7				

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); **THU (Therapeutic use)**; BIOL (Biological study); USES (Uses)

(prepn. of (hetero)arom. compds. for treating bone deficit conditions)

L29 ANSWER 7 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1997:397336 CAPLUS

DOCUMENT NUMBER: 127:17703

TITLE: Preparation of (hetero)aromatic compounds for treating bone deficit conditions.

INVENTOR(S): Petrie, Charles; Orme, Mark W.; Baidur, Nand; Robbins, Kirk G.; Harris, Scott M.; Kontoyianni, Maria; Hurley, Laurence H.; Kerwin, Sean M.; Mundy, Gregory R.

PATENT ASSIGNEE(S): Zymogenetics, Inc., USA; Osteoscreen, Inc.; University of Texas At Austin

SOURCE: PCT Int. Appl., 99 pp.  
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9715308	A1	19970501	WO 1996-US17019	19961023
W: AL, AM, AU, BA, BB, BG, BR, CA, CN, CU, CZ, EE, FI, GE, HU, IL, IS, JP, KG, KP, KR, LC, LK, LR, LT, LV, MD, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, TR, TT, UA, UZ, VN, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2235481	AA	19970501	CA 1996-2235481	19961023
AU 9674710	A1	19970515	AU 1996-74710	19961023
AU 706262	B2	19990610		
EP 866710	A1	19980930	EP 1996-936906	19961023
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI				
CN 1201393	A	19981209	CN 1996-197827	19961023
BR 9611210	A	19991228	BR 1996-11210	19961023
JP 2000513324	T2	20001010	JP 1997-516761	19961023
US 6008208	A	19991228	US 1997-878868	19970619
NO 9801810	A	19980622	NO 1998-1810	19980422
US 6413998	B1	20020702	US 1999-453828	19991202
PRIORITY APPLN. INFO.:				
			US 1995-5830P	P 19951023
			US 1996-735875	B1 19961023
			WO 1996-US17019	W 19961023
			US 1997-878868	A3 19970619

OTHER SOURCE(S): MARPAT 127:17703

IT	100-10-7	479-13-0	619-67-0	961-60-4	1138-15-4	1694-45-7
	2390-54-7	4765-56-4	6019-43-8	7477-43-2	7477-46-5	10205-62-6
	10360-31-3	15826-37-6	19736-41-5	22765-52-2	22765-57-7	
	28620-82-8	33357-46-9	33757-75-4	34580-14-8	37052-98-5	
	38101-69-8	38101-92-7	48189-64-6	49582-19-6	52869-16-6	
	53846-93-8	57601-14-6	62225-55-2	73548-13-7	77038-70-1	
	77143-59-0	77669-19-3	80998-91-0	84088-42-6	93873-08-6	
	108608-01-1	110490-58-9	<b>112535-18-9</b>	116249-87-7		
	129855-33-0	131136-84-0	133124-80-8	133928-85-5	139233-22-0	
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	190437-16-2	190437-20-8	190437-23-1	190437-26-4	190437-29-7	
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	190437-51-5	190437-52-6	190437-53-7	190437-54-8	190437-55-9	
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190437-62-8 190437-63-9 190437-64-0 190437-65-1 190437-66-2  
 190437-67-3 190437-68-4 190437-69-5 190437-70-8 190437-71-9  
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 190437-77-5 190437-78-6 190437-79-7 190437-80-0 190437-81-1  
 190437-82-2 190437-83-3 190437-84-4 190437-85-5 190437-86-6  
 190437-87-7 190437-88-8 190437-89-9 190437-90-2 190437-91-3  
 190437-92-4 190437-93-5 190437-94-6 190437-95-7 190437-96-8  
 190437-98-0 190437-99-1 190438-00-7

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); **THU (Therapeutic use)**; BIOL (Biological study); USES (Uses)

(prepn. of (hetero)arom. compds. for treating bone deficit conditions)

L29 ANSWER 8 OF 8 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 1994:30628 CAPLUS

DOCUMENT NUMBER: 120:30628

TITLE: Design of antineoplastic agents on the basis of the 2-phenylnaphthalene-type structural pattern. 2. Synthesis and biological activity studies of benzo[b]naphtho[2,3-d]furan-6,11-dione derivatives

AUTHOR(S): Cheng, C. C.; Dong, Qing; Liu, Dun Fu; Luo, Yi Lin; Liu, Leroy F.; Chen, Allan Y.; Yu, Chiang; Savaraj, Niramol; Chou, Ting Chao

CORPORATE SOURCE: Cancer Cent., Univ. Kansas, Kansas City, KS, 66160-7419, USA

SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4108-12  
 CODEN: JMCMAR; ISSN: 0022-2623

DOCUMENT TYPE: Journal

LANGUAGE: English

OTHER SOURCE(S): CASREACT 120:30628

IT 151775-47-2P 151775-48-3P 151775-49-4P  
 151775-50-7P 151775-51-8P 151775-52-9P  
 151775-53-0P 151775-54-1P 151775-55-2P  
 151775-56-3P 151775-57-4P 151775-58-5P  
 151775-59-6P 151775-60-9P 151775-61-0P  
 151775-62-1P 151775-63-2P 151775-64-3P  
 151775-65-4P 151775-66-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); **THU (Therapeutic use)**; BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. and antineoplastic activity of)

=> file stng

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

17.34

635.23

FILE 'STNGUIDE' ENTERED AT 22:25:42 ON 23 SEP 2002

USE IS SUBJECT TO THE TERMS OF YOUR CUSTOMER AGREEMENT

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Sep 20, 2002 (20020920/UP).

=> d his

(FILE 'HOME' ENTERED AT 21:52:19 ON 23 SEP 2002)

FILE 'REGISTRY' ENTERED AT 21:52:25 ON 23 SEP 2002

L1 STRUCTURE UPLOADED

L2 0 S L1 SSS SAM

L3                   1 S L1 SSS FULL

FILE 'CAPLUS' ENTERED AT 21:53:17 ON 23 SEP 2002

L4                   1 S L3

FILE 'REGISTRY' ENTERED AT 21:54:58 ON 23 SEP 2002

L5                   STRUCTURE UPLOADED

L6                   5 S L5 SSS SAM

L7                   135 S L5 SSS FULL

FILE 'CAPLUS' ENTERED AT 21:56:41 ON 23 SEP 2002

L8                   51 S L7

L9                   1 S L8 AND COSMETIC

L10                  50 S L8 NOT L9

L11                  0 S L10 AND HAIR

L12                  51 S L10/TU

L13                  51 S L10/THU, BUU

FILE 'STNGUIDE' ENTERED AT 22:05:05 ON 23 SEP 2002

FILE 'REGISTRY' ENTERED AT 22:08:53 ON 23 SEP 2002

L14                  STRUCTURE UPLOADED

L15                  3 S L14 SSS SAM

L16                  54 S L14 SSS FULL

FILE 'CAPLUS' ENTERED AT 22:09:33 ON 23 SEP 2002

L17                  1 S L16/THU

L18                  1 S L16/BUU

L19                  2 S L17 OR L18

FILE 'STNGUIDE' ENTERED AT 22:10:46 ON 23 SEP 2002

FILE 'REGISTRY' ENTERED AT 22:17:06 ON 23 SEP 2002

L20                  1 S 151775-53-0/RN

L21                  1 S 151775-54-1/RN

L22                  0 S 151775-55-0/RN

L23                  1 S 151775-55-2/RN

FILE 'STNGUIDE' ENTERED AT 22:20:57 ON 23 SEP 2002

FILE 'REGISTRY' ENTERED AT 22:22:17 ON 23 SEP 2002

L24                  STRUCTURE UPLOADED

L25                  9 S L24 SSS SAM

L26                  421 S L24 SSS FULL

FILE 'CAPLUS' ENTERED AT 22:22:46 ON 23 SEP 2002

L27                  1 S L26 AND COSMETIC

L28                  1 S L26 AND THERAPEUTIC

L29                  8 S L26/THU

FILE 'STNGUIDE' ENTERED AT 22:25:42 ON 23 SEP 2002